

**UNITED STATES DEPARTMENT OF AGRICULTURE
Rural Utilities Service
Washington, DC 20250-1500**

August 31, 2004

**TECHNICAL STANDARDS COMMITTEE "A"
(TELECOMMUNICATIONS)
MEETING #771**

Summary of Decisions

1. Outside Plant (Item "oc") – Alcoa Fujikura

Committee A accepted filled fiber optic cables listed below manufactured by AFL designed for air-blown microduct installations. The microduct has a diameter of 10 mm

(a) The Dielectric Uni-Tube MicroCore; and

(b) The Dielectric Pure Uni-Tube.

The products will be listed as follows:

Attachment

Page 1.5

oc – Fiber Optic Cables

RUS Standard Designation "BFO", "CO", and "UO" (Filled)

7 CFR 1755.900

Theses manufacturers' cables shown by catalog designations comply with 7 CFR 1755.900

oc-a Unit Core or Central Core Tube Fiber Core Construction

RUS Standard Suffixes

<u>Manufacturer</u>	<u>Cable Construction</u>					<u>Mode</u>	
	<u>A(1)</u>	<u>B(1)</u>	<u>C</u>	<u>D</u>	<u>P(2)</u>	<u>s</u>	<u>m</u>
Alcoa Fujikura Ltd(7)	-	Dielectric __ (31) Uni-Tube MicroCore(4)(32)	-	-	-	X	X

Page 1.5.5

Notes:

(31) Leave space blank or replace blank space with the word "Pure."

(32) For air blown microduct (a duct having a diameter of 10 millimeters) installations only.

2. Outside Plant (Item "se") – 3M

Committee A accepted the 4000-G/TR, 4005-GMB/TR, and 4008-G/TR 25-Pair Filled, Copper Splicing Connectors as being manufactured per RUS Bulletin 345-54, *RUS Specification for Telephone Cable Splicing Connectors (PE-52)*. These splicing connectors differ from 3M's currently accepted 4000 series filled splicing connectors for 25-pair because they use a moisture resistant sealing compound that is applied to the connector body encapsulating the insulation displacement clips. Whereas, the current 4000 series filled splicing connectors require the use of "grease boxes" to ensure that the connectors are resistant to moisture ingress

The products will be listed as follows:

Attachment
Page 3.1.2
se – Connectors

<u>Manufacturer</u>	<u>Catalog Number</u>		
	<u>Connector Modules (25-Pair)</u>		
	<u>Straight Splice</u>	<u>Bridge Splice</u>	<u>Half-Tap Splice</u>
3M Company (22-26 AWG) (19-24 AWG)	710-SC1-25 710-SCL-25 4000-D/TR(3) 4000-DT/TR(3) 4000-G/TR(7)	710-BC1-25 710-BC1-25 4005-DPM/TR(6) - 4005-GMB/TR(7)	710-TC1-25 710-TCL-25 4008-D/TR(3) - 4008-G/TR(7)
(22-26 AWG)			

Page 3.1.3

Notes:

- (3) Use 4075-S grease box in all applications except pressurized cables.
- (6) Use either 4077-A, 4077-B, 4077-C, or 4077-D grease box in all applications except pressurized cables.
- (7) Does not require the use of a grease box.

3. Outside Plant (Item "se") - 3M

Committee A accepted 3M's 4220P Add-On-Cabinet as being manufactured per 7 CFR 1755.910, *RUS Specification for Outside Plant Housings and Serving Area Interface Systems (RUS Bulletin 1753F-302)*: The 4220P is a small cabinet containing cross-connect modules that can be installed to an existing field mounted 4220 serving area interface cabinet to increase its cross-connecting capacity

The product will be listed as follows:

Page 2.5.2
se – Buried Plant Housings
(Complies with 7 CFR 1755.910)
Type BDS Serving Area Interface Cabinets (4)

<u>Manufacturer</u>	<u>Designation</u>	
	<u>Terminal Type(5)</u>	<u>Cabinet Series</u>
3M	3M SS Block	4000(6) 4300(6) 4220(6)(17) 4230 4900

Notes:

(17) Includes 4220P Add-On-Cabinet

Miscellaneous

I. In response to its June 17, 2004 letter, Tekelec was sent a July 14, 2004, letter accepting the requested name changes for the iX70 Intelligent Exchange and SanteraOne products. The product listings will be revised as follows:

6.3
7-04
pc

pc - Stored Program Digital Switching Equipment

<u>Manufacturer</u>	<u>Base</u>	<u>Accepted System Release</u> ⁽⁵⁾	<u>Acceptance Classification</u> ⁽¹⁾	<u>RST(s)</u>
Santera, A Tekelec Company	Tekelec 8000 Multimedia Gateway (MG) Tekelec 3000 Multimedia Gateway Controller (MGC) ⁽⁹⁾	2.0	A	Tekelec 8000 Multimedia Gateway (MG) Tekelec 3000 Multimedia Gateway Controller (MGC)
Tekelec	7000 Class 5 Packet Switch	2.3.0	A	7000 Class 5 Packet Switch

II. In response its June 14, 2004 letter, 3M was sent a June 14, 2004 letter revising the listing of the 2178 Fire Retardant Fiber Splice Closure as follows:

2.1.5
7-04
pl

pl - Splice Closure*Manufacturer*

g - Buildings and Central Office
Vault Splice Closure for Fiber Optic Cables

Non-Filled

	<u>Non-Flame Retardant</u> ⁽⁹⁾	<u>Flame Retardant</u>
3M Company	2178S	2178 FR

III. In response its July 14, 2004, CISCO was sent a July 14, 2004 letter transferring the following products to the Non-Domestic Products:

15454-CC3
15454-OC12
15454-OC48

IV. In response its July 14, 2004 email, Carlon, Lamson & Sessions was sent a July 15, 2004 letter correcting the product listings as follows:

2.2
7-04
hc

hc - Underground Conduit

<u>Manufacturer</u>	<u>Type Conduit</u>	<u>Catalog Number</u>
Carlon/Pyramid	Plastic Plastic (Telephone Duct) Plastic Flexible Plastic Plastic	Type EB, Type DB Type B ⁽²⁾ , Type C ⁽²⁾ , and Type D ⁽²⁾ Multi-Gard ⁽²⁾ HDPE Conduit BORE-GUARD (Sch. 40 & 80) ⁽²⁾

Note: For fiber and plastic conduit, Type I, Type B or Type EB is for concrete encasement and Type II, Type C or Type DB may be directly buried. Schedule 40 is a high strength conduit that may be used for concrete encasement or direct burial. Type D is for exposed installation, as on bridges.

⁽¹⁾Filament wound fiberglass/epoxy conduit.

⁽²⁾Carlon brand only.

V. In response to its June 21, 2004 letter, AFC was sent a July 15, 2004 letter acknowledging AFC's acquisition of the Marconi Disc*S access equipment platform and the revision of page 6.1 of the List of Accepted Materials, as follows:

6.1
7-04
ae

ae - Access Equipment

<u>Manufacturer</u>	<u>Product</u>	<u>Copper</u>	<u>Fiber</u>	<u>Wireless</u>
AFC	UMC 1000A	Y	Y	Y
	DMAX 1120	Y	Y	Y
	DISC*S	Y	N	N

VI. In response to its June 21, 2004 letter, ADTRAN was sent a July 28, 2004 letter notifying RUS acceptance of the following requested product name changes:

6.1
7-04
ae

ae - Access Equipment

<u>Manufacturer</u>	<u>Product</u>	<u>Copper</u>	<u>Fiber</u>	<u>Wireless</u>
ADTRAN	Access Equipment ⁽⁷⁾	Y	Y	Y

⁽⁷⁾ Includes the Total Access (TA) 3000, TA 3050, TA 1500, TA 1200 DSLAM, TA 1000, TA 850, and TA 750, TA 4303, MX2800, MX2810, MX2820, OPTI-3, OPTI-6100, and TRACER.

Sincerely,

/s/ Norberto Esteves